

1 **CLAIMS**

2 1. A method comprising:

3 receiving a request for a Web page;

4 identifying an Active Server Page associated with the requested Web page,

5 wherein the Active Server Page includes a compiled user interface template;

6 executing the Active Server Page to generate the requested Web page; and

7 providing the requested Web page to a source of the request.

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9 2. A method as recited in claim 1 wherein the user interface template

10 has been compiled into a byte code format and the Active Server Page contains the

11 byte codes.

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13 3. A method as recited in claim 1 wherein the user interface template

14 contains HTML code.

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16 4. A method as recited in claim 1 wherein the user interface template

17 contains logic related to displaying information.

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19 5. A method as recited in claim 1 wherein the Active Server Page

20 includes a plurality of compiled user interface templates.

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22 6. One or more computer-readable memories containing a computer

23 program that is executable by a processor to perform the method recited in claim

24 1.

1 7. A method comprising:
2 identifying a plurality of user interface templates associated with a Web-
3 based application;
4 compiling each of the plurality of user interface templates into a single file
5 containing a plurality of byte codes, wherein the byte codes are capable of being
6 executed by an execution engine; and
7 executing the plurality of byte codes when the Web-based application is
8 executed.

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10 8. A method as recited in claim 7 wherein the plurality of byte codes
11 include callback codes that call into the Web-based application code.

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13 9. A method as recited in claim 7 wherein the plurality of byte codes are
14 executed by an execution engine in a Web server.

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16 10. A method as recited in claim 7 wherein the plurality of byte codes
17 are contained in an Active Server Page.

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19 11. A method as recited in claim 7 wherein the byte codes include logic
20 related to displaying information.

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22 12. One or more computer-readable memories containing a computer
23 program that is executable by a processor to perform the method recited in claim
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1 **13.** A method comprising:
2 creating a plurality of user interface templates associated with a Web-based
3 application, wherein the plurality of user interface templates are created using an
4 Active Server Page Language;
5 compiling the plurality of user interface templates into a plurality of byte
6 codes; and
7 storing the plurality of byte codes associated with the plurality of user
8 interface templates in a single file, wherein the byte codes are capable of being
9 executed by an execution engine in a Web server.

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11 **14.** A method as recited in claim 13 further comprising executing the
12 plurality of byte codes when the Web-based application is executed.

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14 **15.** A method as recited in claim 13 wherein the plurality of byte codes
15 include callback codes that call into the Web-based application code.

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17 **16.** A method as recited in claim 13 further comprising executing a
18 portion of the plurality of byte codes when the Web-based application is executed.

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20 **17.** One or more computer-readable memories containing a computer
21 program that is executable by a processor to perform the method recited in claim

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1 **18.** An apparatus comprising:
2 an interface to receive requests for Web pages and to send responses to the
3 received requests; and
4 an execution engine coupled to the interface, wherein the execution engine
5 is configured to identify an Active Server Page associated with a request for a
6 Web page and to identify user interface template information contained in the
7 Active Server Page, wherein the execution engine is further configured to execute
8 the Active Server Page to generate the requested Web page and to provide the
9 requested Web page to a source of the request.

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11 **19.** An apparatus as recited in claim 18 wherein the Active Server Page
12 contains a plurality of byte codes associated with a plurality of user interface
13 templates.

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15 **20.** An apparatus as recited in claim 19 wherein the execution engine
16 executes the byte codes associated with the request.

1 **21.** An apparatus comprising:
2 means for identifying a plurality of user interface templates associated with
3 a Web-based application;
4 means for compiling each of the plurality of user interface templates into a
5 single file containing a plurality of byte codes, wherein the plurality of byte codes
6 are capable of being executed by an execution engine; and
7 means for executing at least a portion of the plurality of byte codes when
8 the Web-based application is executed.

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10 **22.** An apparatus as recited in claim 21 wherein the byte codes are
11 contained in an Active Server Page.

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13 **23.** An apparatus as recited in claim 21 wherein the byte codes include
14 logic related to displaying information.

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16 **24.** One or more computer-readable media having stored thereon a
17 computer program that, when executed by one or more processors, causes the one
18 or more processors to:

19 create a plurality of user interface templates associated with a Web-based
20 application, wherein the plurality of user interface templates are created using an
21 Active Server Page Language;

22 compile the plurality of user interface templates into a plurality of byte
23 codes; and

24 store the plurality of byte codes in a single file, wherein the byte codes are
25 capable of being executed by a Web server.

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2 **25.** One or more computer-readable media as recited in claim 24
3 wherein the one or more processors further execute at least a portion of the byte
4 codes when the Web-based application is executed.

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6 **26.** One or more computer-readable media as recited in claim 24
7 wherein the plurality of byte codes include at least one callback code that calls into
8 the Web-based application code.
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